

### **REMARKS**

By this amendment, claim 1 has been amended. Accordingly, claims 1, 2, and 6-40 are currently pending in the application, of which claims 1, 38, 39, and 40 are independent claims. Applicants appreciate the indication that claims 39 and 40 are allowed.

Applicants respectfully request reconsideration and timely withdrawal of the pending objections and rejections for the reasons discussed below.

#### ***Claim Objection***

In the Office Action, claims 27 and 28 were objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim.

Applicants believe that the Examiner intended to object to dependent claims 26 and 27 (See Office Action on page 3, paragraph 2, last sentence). Applicants respectfully disagree with the Examiner's objection of claims 26 and 27. The Examiner appears to compare the claim limitations of claims 26 and 27 with one another, concluding that "the thickness of the channel area of the circuit thin film transistor is claimed to be larger than the pixel unit thin film transistor. (*Id.*) Rather, claims 26 and 27 each independently depend from claim 24. Claim 26 recites "the thickness of the channel region of the pixel unit thin film transistor is about 300 to about 800Å" and claim 27 recites "the thickness of the channel region of the circuit unit thin film transistor is about 500 to about 1500Å." Thus, claims 26 and 27 merely provide a thickness range for the pixel unit TFT (claim 26) and a thickness range for the circuit unit TFT (claim 27). Therefore, they each independently further limit claim 24. Hence, the objection of claims 26 and 27 should be withdrawn.

***Rejections Under 35 U.S.C. § 112, second paragraph***

Claims 1, 2, and 6-37 stand rejected under 35 U.S.C. § 112, second paragraph as being indefinite.

Applicants believe that claim 1 is definite because the term “relatively thinner thickness” refers to one thickness being less than another. Nevertheless, in order to expedite prosecution, Applicants have amended claim 1 to clarify the claimed subject matter. This amendment is made for the sole purpose of clarifying claim 1. This amendment is not made for the purpose of avoiding prior art or narrowing the claimed invention, and no change in claim scope is intended. Therefore, Applicants do not intend to relinquish any subject matter by these amendments. Applicants respectfully submit that claim 1, as amended, fully complies with the requirements of 35 U.S.C. § 112, second paragraph.

Accordingly, Applicants respectfully request withdrawal of the 35 U.S.C. § 112, second paragraph rejection of claims 1, 2, and 6-37.

***Rejections Under 35 U.S.C. § 103***

Claims 1, 2, 6-11, 24, and 32-38 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Japanese Patent Application Publication No. 2003-84307 applied for by Hirotaka (“Hirotaka”) in view of U.S. Patent Application Publication No. 2005-0068272 applied for by Yoneda (“Yoneda”). Applicants respectfully traverse this rejection for at least the following reasons.

As noted by the Examiner, Hirotaka fails to disclose “a size of crystal grain on the channel region of the switching thin film transistor is larger than a size of the crystal grain on the channel region of the other thin film transistor” (See Office Action on page 5).

Applicants respectfully submit that Yoneda is not a proper reference under § 102(e). Since Yoneda is a U.S. Patent Application Publication, it is available as prior art under

35 U.S.C. § 102(e) as of its effective U.S. filing date, which is October 1, 2003. See MPEP § 2136.01(I) & MPEP § 706.02(V)(C). Pursuant to the claim of priority filed January 12, 2004, this application claims priority to and the benefit of Korean Application No. 2003-0026004, filed on April 24, 2003; Korean Application No. 2003-0026007, filed on April 24, 2003; Korean Application No. 2003-0027992, filed on May 1, 2003; and Korean Application No. 2003-0038826, filed on June 16, 2003 (collectively "Korean Priority Documents"), certified copies of which were filed on January 12, 2004. English language translations, together with a statement that the translations of the certified copies are accurate, are included with this reply.

Accordingly, Applicants submit that Yoneda is not proper prior art under 35 U.S.C. §102(e) because it does not antedate Applicants' priority dates of April 24, 2003; May 1, 2003; and June 16, 2003.

Accordingly, Applicants respectfully request withdrawal of the 35 U.S.C. § 103(a) rejection of claims 1, 2, 6-11, 24, and 32-38. Claims 2, 6-11, 24, and 32-37 depend from claim 1 and are allowable at least for this reason. Since none of the other prior art of record, whether taken alone or in any combination, discloses or suggests all the features of the claimed invention, Applicants respectfully submit that independent claims 1 and 38, and all the claims that depend therefrom, are allowable.

***Allowable Subject Matter***

Applicants further submit that claims 12-23 and 25-27 depend from an allowable base claim and therefore are allowable at least for this reason. Thus, claims 12-23 and 25-27 are in condition for allowance.

Applicants appreciate the indication that claims 39 and 40 are allowed.

**CONCLUSION**

Applicants believe that a full and complete response has been made to the pending Office Action and respectfully submit that all of the stated objections and grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,

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